

## T01D07 - Predicting Products &amp; Balancing equations

Name

KEY

**Directions:** Correctly complete, write and then balance ALL of the following.

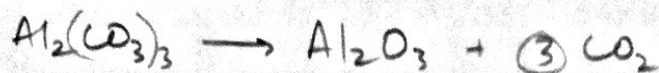
R

1. phosphoric acid + barium hydroxide
- $\rightarrow$



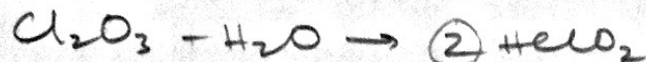
Dec

2. aluminum carbonate
- $\rightarrow$



Syn

3. dichlorine trioxide + water
- $\rightarrow$
- 
- (acidic oxide)



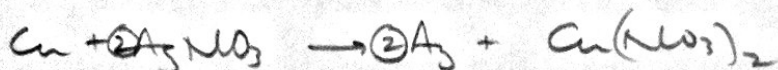
R

4. tin (II) sulfide + nitric acid
- $\rightarrow$
- no rxn?



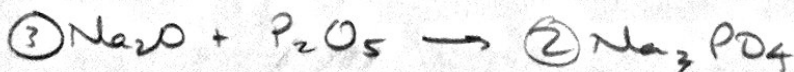
SR

5. copper + silver nitrate
- $\rightarrow$



S

6. sodium oxide + diphosphorus pentoxide
- $\rightarrow$



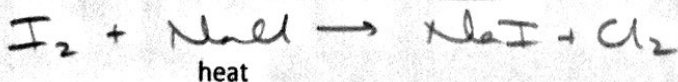
Comb

7. isopropyl alcohol (
- $\text{C}_3\text{H}_7\text{OH}$
- ) + oxygen
- $\rightarrow$



SR

8. iodine + sodium chloride
- $\rightarrow$
- no rxn



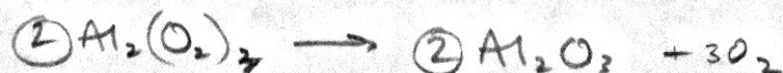
D

9. tin (II) chlorate
- $\rightarrow$



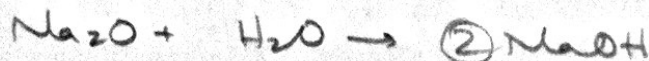
D

10. aluminum peroxide
- $\rightarrow$



S

11. sodium oxide + water



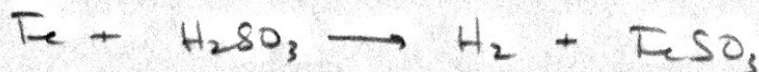
D

12. aluminum chlorate
- $\rightarrow$

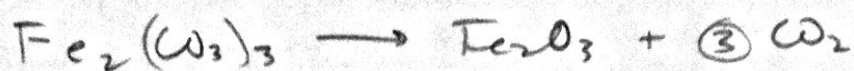


SR

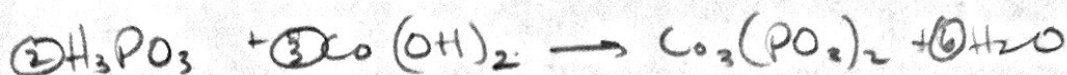
13. iron + sulfurous acid
- $\rightarrow$



Dec 14. iron (III) carbonate  $\rightarrow$



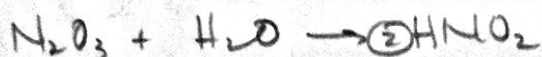
Dec 15. phosphorous acid + cobalt (II) hydroxide  $\rightarrow$



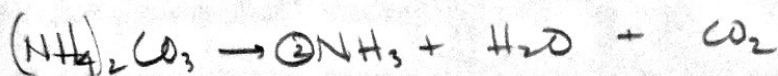
Dec 16. ammonium sulfate + barium nitrate  $\rightarrow$



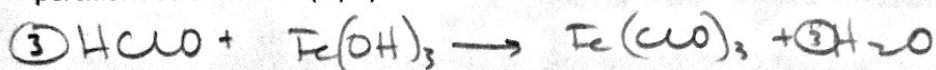
Sym 17. dinitrogen trioxide + water  $\rightarrow$



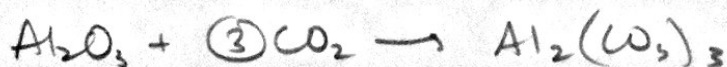
Dec 18. ammonium carbonate  $\rightarrow$  ammonia + water + carbon dioxide



Dec 19. perchloric acid + iron (III) hydroxide  $\rightarrow$



Sym 20. aluminum oxide + carbon dioxide  $\rightarrow$



Comb 21. octanol ( $\text{C}_8\text{H}_{17}\text{OH}$ ) + oxygen gas  $\rightarrow$

